



8EHQ-0604-15582 MR# 275743

RECEIVED
CERT MAIL

The Dow Chemical Company
Midland, Michigan 48674

04 JUN -2 AM 11:31

1803 BUILDING

May 26, 2004

CERTIFIED MAIL--RETURN RECEIPT REQUESTED
7003 0500 0003 5791 7700

Document Processing Center (7407M)
(Attn: TSCA Section 8(e) Coordinator)
Office of Pollution Prevention and Toxics
Environmental Protection Agency
1200 Pennsylvania Avenue, NW
Washington, DC 20460-0001

CONTAINING NO CD
2004 JUN -8 AM 10:24

Re: 4,7-Methano-1H-indene, 3a,4,7,7a-tetrahydrodimethyl-
CASRN 26472-00-4

Dear Sir/Madam:

The following information is being submitted by The Dow Chemical Company (Dow) pursuant to current guidance issued by EPA indicating EPA's interpretation of Section 8(e) of the Toxic Substances Control Act. While the submitter does not necessarily believe the information indicates a significant risk of injury to health or the environment, EPA guidance seems to indicate that these effects in laboratory animals should be reported to the Agency.

The test substance was administered by oral gavage to groups of 12 male and female CD rats by oral gavage at 0, 20, 100, and 300 mg/kg/day as part of an OECD 422 guideline study: Combined Repeated Dose Toxicity and Reproductive/Developmental Toxicity Screening Test.

Decreases in the body weights of F1 male and female pups combined, on postnatal day 4, in the 100 and 300 mg/kg/day dose groups were identified as statistically different from controls. No other reproductive/developmental effects were identified.

Mild to minimal follicular cell hypertrophy of the thyroid was identified as increased in the male rats dosed at 300 mg/kg/day.

A statistically significant reduction in mean duration of movement (5th epoch and total) and in mean number of movements (5th & 6th epochs and total) was identified for male rats dosed at 300 mg/kg bw/day compared with control male rats.



8 E H Q - 0 4 - 1 5 5 8 2



8 8 0 4 0 0 0 0 1 5 5

USEPA, TSCA Section 8(e) Coordinator
May 26, 2004
Page 2

No final report of these results is available. Questions may be directed to the undersigned.

Sincerely,

A handwritten signature in black ink, appearing to read "Linda C. Burgert". The signature is fluid and cursive, with the first name "Linda" and last name "Burgert" clearly distinguishable.

Linda C. Burgert
EH&S Product Regulatory Management
PH: 989-636-1011
FAX: 989-638-9933
E-MAIL: lburgert@dow.com

jt